

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 08079160 A

(43) Date of publication of application: 22 . 03 . 96

(51) Int. Cl

H04B 7/26

(21) Application number: 06212391

(71) Applicant: CANON INC

(22) Date of filing: 06 . 09 . 94

(72) Inventor: TAKAHASHI TAKUMI

(54) MOBILE COMMUNICATION SYSTEM

assignment message to the station 101a.

(57) Abstract:

COPYRIGHT: (C)1996,JPO

**PURPOSE:** To perform communication in response to the optimum transmission speed capacity of a mobile communication system by setting a compression rate based on the comparison/analysis result obtained through the comparison carried out between the transmission speed requested by a mobile station and the highest transmission speed.

**CONSTITUTION:** A mobile station 101a designates its necessary transmission capacity for each LCH type of a link channel fixing request message and sends the capacity to a base station 100a. A radio communication part 105 of the station 100a starts a comparison part 104 via a control part 103. The part 104 compares the transmission speed requested by the station 101a with the highest transmission speed and analyzes this comparison result to decide a corresponding compression rate. This decided rate is sent to the part 103. The part 103 selects an idle carrier frequency, controls a frequency synthesizer part 106 and also sends the compression rate parameter to a coding circuit part 107. Furthermore the part 103 sends a link channel

